MCj03970440000[1]

**LABORATORY REPORT CHECKLIST**

**Abstract [4 marks TI]**

* Purpose of lab mentioned
* Method used briefly mentioned
* Key findings/results highlighted
* Major conclusions mentioned

**Introduction [4 marks TI]**

* Relevant background information
* Detailed purpose for completing experiment
* Independent and dependent variables clearly identified in hypothesis
* Scientific reasoning supporting hypothesis provided

**Methods & Materials [3 marks TI]**

* Detailed and specific quantities listed
* Explained what was actually done
* Safety procedures mentioned

**Results [3 marks TI]**

* Tables/figures included
* Written description of results included
* All calculations included

**Discussion [10 marks TI]**

* Compared expected results (hypothesis) to those that were actually obtained
* Explained how the differences could be accounted for (NOT human error)
* Analyzed the errors – are there flaws with experimental design?

**[1 mark C]**

* No more than ~ 200 words

**[1 mark C]**

* Hypothesis in the form if…then…because

**[3 marks C]**

* In writer’s own words
* Paragraph structure
* Detailed enough someone else could follow it

**[3 marks C]**

* Tables/figures with appropriate titles – clear & detailed
* Format of tables/figures correct
* Data accurately represented in tables/graphs

**Discussion (cont’d)**

* Explained results in terms of relevant theory
* Related results to purpose

**Conclusion [3 marks TI]**

* Restated the purpose of the experiment
* Briefly outlined major results
* Related results to purpose

**TOTAL MARKS: /27 TI**

**[1 mark C]**

* Short and to the point

**General [10 marks C]**

* Report is typed, pages are numbered
* 1.5 line spacing, font 11/12 point
* Headings for sections clearly indicated
* Past tense is used (except when discussing theory)
* Language is concise and precise [2 marks]
* Spelling and grammar is **excellent** [2 marks]
* In-text citations used where appropriate
* Reference and in-text citation in proper APA format

**/19 C**